

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in this application.

LISTING OF CLAIMS:

1. (Currently Amended) A method for adjusting several parallel connected heat exchangers, which are supplied with a heat carrying medium, comprising the steps of:
 - a. detecting for each heat exchanger a specific size of the heat demand of the heat exchanger, said specific size representing ~~either 1) a ratio between opening times of a valve controlling the flow amount of a heat carrying medium through the heat exchanger and a predetermined period; , or 2) a deviation of a desired value,~~
 - b. comparing the specific sizes of all heat exchangers with each other; and
 - c. changing the setting of the heat exchanger with the specific size displaying the smallest heat demand in a manner which increases the heat demand.
2. (Previously Presented) The method according to claim 1, further comprising the step of changing the setting of all heat exchangers, except for the heat exchangers whose specific size displays the largest heat demand.

3. (Previously Presented) The method according to claim 1, further comprising the step of changing the setting of at least one other heat exchanger so that the specific size is increased.

4. (Withdrawn) The method according to claim 1, further comprising the step of setting an opening period in the range from 50 to 80% of the predetermined period for all heat exchangers.

5. (Currently Amended) The method according to claim 1, further comprising the ~~step~~ steps of determining a common return temperature for the heat exchangers before opening or closing one of the heat exchangers, ~~after an increase or decrease in~~ determining the common return temperature ~~as a result of~~ after opening or closing said one of the heat exchanger exchangers, and thereafter, ~~changing the setting of the one heat exchanger by way of a reduction of the specific size~~ comparing the common return temperature before opening or closing said one of the heat exchangers with the common return temperature after opening or closing said one of the heat exchangers, and, when the common return temperature increases as a result of ~~[[the]]~~ each opening of ~~[[the]]~~ said one of the heat exchanger exchangers or decreases as a result of ~~[[the]]~~ each closing of ~~[[the]]~~ said one of the heat exchanger exchangers, changing the setting of said one of the heat exchangers so as to reduce a specific size of the heat demand of said one of the heat exchangers.

6. (Withdrawn) The method according to claim 1, further comprising the step of changing the setting by a change of an amplification in a controller.

7. (Withdrawn) The method according to claim 1, further comprising the step of changing the setting by changing a pressure difference over the heat exchanger.

8. (Withdrawn) The method according to claim 1, further comprising the step of changing the setting so that the maximum opening width of the valve of the heat exchanger is changed.

9. (Previously Presented) The method according to claim 1, further comprising the step of changing the setting by changing the opening times of the valve.

10. (Previously Presented) The method according to claim 9, further comprising the step of periodically closing the valve during opening periods, which are determined by a heat demand.

11. (Previously Presented) The method according to claim 2, further comprising the step of changing the setting of at least one other heat exchanger so that the specific size is increased.

12. (Withdrawn) The method according to claim 2, further comprising the step of setting an opening period in the range from 50 to 80% of the predetermined period for all heat exchangers.

13. (Currently Amended) The method according to claim 2, further comprising the ~~step~~ steps of determining a common return temperature for the heat exchangers before opening or closing one of the heat exchangers, ~~after an increase or decrease in~~ determining the common return temperature ~~as a result of~~ after opening or closing said one of the heat exchanger exchangers, and thereafter, ~~changing the setting of the one heat exchanger by way of a reduction of the specific size~~ comparing the common return temperature before opening or closing said one of the heat exchangers with the common return temperature after opening or closing said one of the heat exchangers, and, when the common return temperature increases as a result of ~~[[the]]~~ each opening of ~~[[the]]~~ said one of the heat exchanger exchangers or decreases as a result of ~~[[the]]~~ each closing of ~~[[the]]~~ said one of the heat exchanger exchangers, changing the setting of said one of the heat exchangers so as to reduce a specific size of the heat demand of said one of the heat exchangers.

14. (Currently Amended) The method according to claim 3, further comprising the ~~step~~ steps of determining a common return temperature for the heat exchangers before opening or closing one of the heat exchangers, ~~after an increase or decrease in~~ determining the common return temperature ~~as a result of~~ after opening or closing said one of the heat exchanger exchangers, and thereafter,

~~changing the setting of the one heat exchanger by way of a reduction of the specific size comparing the common return temperature before opening or closing said one of the heat exchangers with the common return temperature after opening or closing said one of the heat exchangers, and, when the common return temperature increases as a result of ~~[[the]]~~ each opening of ~~[[the]]~~ said one of the heat exchanger exchangers or decreases as a result of ~~[[the]]~~ each closing of ~~[[the]]~~ said one of the heat exchanger exchangers, changing the setting of said one of the heat exchangers so as to reduce a specific size of the heat demand of said one of the heat exchangers.~~

15. (Withdrawn) The method according to claim 4, further comprising the step of determining a common return temperature for the heat exchangers and when established, at which heat exchanger the return temperature increases or decreases, when the heat exchanger is opened or closed, changing the setting of a heat exchanger by way of a reduction of the specific size, when the return temperature increases at the opening of this heat exchanger.

16. (Withdrawn) The method according to claim 2, further comprising the step of changing the setting by a change of an amplification in a controller.

17. (Withdrawn) The method according to claim 2, further comprising the step of changing the setting by changing a pressure difference over the heat exchanger.

18. (Withdrawn) The method according to claim 2, further comprising the step of changing the setting so that the maximum opening width of the valve of the heat exchanger is changed.

19. (Previously Presented) The method according to claim 2, further comprising the step of changing the setting by changing the opening times of the valve.

20. (Previously Presented) The method according to claim 19, further comprising the step of periodically closing the valve during opening periods, which are determined by a heat demand.

21. (New) A method for adjusting several parallel connected heat exchangers, which are supplied with a heat carrying medium, comprising the steps of:

- a. detecting for each heat exchanger a specific size of the heat demand of the heat exchanger, said specific size representing either 1) a ratio between opening times of a valve controlling the flow amount of a heat carrying medium through the heat exchanger and a predetermined period, or 2) a deviation of a desired value;
- b. comparing the specific sizes of all heat exchangers with each other;
and
- c. changing the setting of the heat exchanger with the specific size displaying the smallest heat demand in a manner which increases the heat demand,

the method further comprising the steps of determining a common return temperature for the heat exchangers before opening or closing one of the heat exchangers, determining the common return temperature after opening or closing said one of the heat exchangers, comparing the common return temperature before opening or closing said one of the heat exchangers with the common return temperature after opening or closing said one of the heat exchangers, and, when the common return temperature increases as a result of each opening of said one of the heat exchangers or decreases as a result of each closing of said one of the heat exchangers, changing the setting of said one of the heat exchangers so as to reduce a specific size of the heat demand of said one of the heat exchangers.

22. (New) A method for adjusting several parallel connected heat exchangers, which are supplied with a heat carrying medium, comprising the steps of:

- a. detecting for each heat exchanger a specific size of the heat demand of the heat exchanger, said specific size representing a deviation between a desired temperature in a room and an actual temperature in the room,
- b. comparing the specific sizes of all heat exchangers with each other;
and
- c. changing the setting of the heat exchanger with the specific size displaying the smallest heat demand in a manner which increases the heat demand.